



STATE OF ALASKA  
DEPARTMENT OF FISH AND GAME  
P.O. BOX 115525  
JUNEAU, ALASKA 99811-5525

Permit #: SF2009-112

Expires: 10/30/2009

Collections Report/Samples Due: 11/30/2009

FISH RESOURCE PERMIT  
(For Scientific/Educational Purposes)

This Permit authorizes Ed Fleming (whose signature is required on page 2 for permit validation)  
person  
of Otter Tail Environmental Inc. at 1045 N. Ford Street, Golden, CO 80403  
agency or organization address

to conduct the following activities from May 15, 2009 to October 30, 2009 in accordance with AS 16.05.930:

**Purpose:** To tally anadromous fish escapement and resident fish movement into the Crooked Creek Drainage.

**Location:** Crooked Creek on the Kuskokwim River upstream from the village of Crooked Creek

**Species Collected:** Local species

**Method of Capture:** Weir (resistance board with remote digital video recorder) (Stipulation #2)

**Final Disposition:** The upstream movement of any number of fish and species may be directed through the weir. Any downstream fish migrants that are entrained and die on the weir must be identified, recorded and placed in the water below the weir (Stipulation #2)

-Continued on Back-

**REPORT DUE November 30, 2009.** The report shall include species, numbers, dates, and locations of collection (datum/GPS coordinates in the decimal degrees format (dd.ddddd)) and disposition, and if applicable, sex, age, and breeding condition, and lengths and weights of fish. It must also include the date/time the local biologist was contacted for final authorization to carry out collecting activities. A completion report (abstract, background, methods, data, analysis), if not submitted with the collection report described above, must be submitted to the department by: March/2010. Data from such reports are considered public information. The report shall also include other information as may be required under the permit stipulations section.

GENERAL CONDITIONS, EXCEPTIONS AND RESTRICTIONS

1. This permit must be carried by person(s) specified during approved activities who shall show it on request to persons authorized to enforce Alaska's fish and game laws. This permit is nontransferable and will be revoked or renewal denied by the Commissioner of Fish and Game if the permittee violates any of its conditions, exceptions or restrictions. No re delegation of authority may be allowed under this permit unless specifically noted.
2. No specimens taken under authority hereof may be sold or bartered. All specimens must be deposited in a public museum or a public scientific or educational institution unless otherwise stated herein. Subpermittees shall not retain possession of live animals or other specimens.
3. The permittee shall keep records of all activities conducted under authority of this permit, available for inspection at all reasonable hours upon request of any authorized state enforcement officer.
4. Permits will not be renewed until the department has received detailed reports, as specified above.
5. UNLESS SPECIFICALLY STATED HEREIN, THIS PERMIT DOES NOT AUTHORIZE the exportation of specimens or the taking of specimens in areas otherwise closed to hunting and fishing; without appropriate licenses required by state regulations; during closed seasons; or in any manner, by any means, at any time not permitted by those regulations.

Bob Piorowski  
Fish Resource Permit Coordinator  
Division of Sport Fish

Robert Benzy  
for Director  
Division of Sport Fish

5-8-09  
Date

**Authorized Personnel:** The following persons may perform collecting activities under terms of this permit:

**Edward Fleming, Mark Jessup, Kortney Kirkeby**

*Employees and volunteers under the direct supervision of, and in the presence of, one of the authorized personnel listed above may participate in collecting activities under terms of this permit.*

**Permit Stipulations:**

- 1) The local Area Management Biologist (AMB), **John Chythlook** (459-7361; [john.chythlook@alaska.gov](mailto:john.chythlook@alaska.gov)) Kuskokwim River, must be notified **prior** to you engaging in any collecting activities. The time/date of this contact must be included in your collections report (using the "data submission form" furnished by ADF&G). This AMB has the right to specify methods for collecting, as well as limiting the collections of any species by number, time and location.
- 2) *In the event that there are large aggregates of fish moving downstream, a number of pickets across the face of the weir will be removed to accommodate downstream fish passage. **In the event of a problem with the weir,** either the AMB (**stipulation #1**) or Bob Piorkowski (465-6109; [Robert.Piorkowski@alaska.gov](mailto:Robert.Piorkowski@alaska.gov)) **must be notified of the event and for approval of a resolution to the problem.***
- 3) **Each piece of unattended sampling gear must be:** 1) labeled with the permittee's name, telephone number, and permit number, 2) securely tied to substrate, 3) located with GPS coordinates, and 4) accounted for/ removed at the conclusion of sampling.
- 4) If anadromous fish species new to permitted streams and rivers are found, the permit holder will work closely with ADF&G to see that information is included in the database for the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes. Anadromous fish include Oncorhynchus spp., Arctic char, Dolly Varden, sheefish, smelts, lamprey, whitefish, and sturgeon. Please direct questions to J. Johnson, 267-2337 or [j.johnson@alaska.gov](mailto:j.johnson@alaska.gov)
- 5) **Atlantic salmon** and other **non-native invasive aquatic species** encountered must be killed. The nearest AMB (**stipulation #1**) must be contacted immediately with species identification or description, capture or sighting location, number captured, size, and sex. Preserve/turn in the whole specimen to the nearest ADF&G office.
- 6) A *Title 16 Permit* is required from the Division of Habitat to place structures (weir, etc.) in streams.
- 7) A copy of this permit, including any amendments, must be made available at all field collection sites and project sites for inspection upon request by a representative of the department or a law enforcement officer.
- 8) Issuance of this permit does not absolve the permittee from compliance in full with any and all other applicable federal, state, or local laws, regulations, or ordinances.
- 9) A **report of collecting activities**, referenced to this fish resource permit number, must be submitted to the Alaska Department of Fish and Game, Division of Sport Fish HQ, P.O. Box 115525, Juneau, AK 99811-5525, Attention: Bob Piorkowski (465-6109; [Robert.Piorkowski@alaska.gov](mailto:Robert.Piorkowski@alaska.gov)), and to the AMB listed under **stipulation #1** within 30 days after the expiration of this permit. This report must summarize the number of fish captured by date, by location (provide GPS coordinates and datum), and by species, and the fate of those fish. Fish length, weight, sex, and age data should be included if collected. A completion report (abstract/background/methods /data/analysis), if not submitted with the collection report described above, must be submitted to the department within six months of the expiration of the permit. Data from such reports are considered public information. A report is required whether or not collecting activities were undertaken.

**PERMIT VALIDATION requires permittee's signature agreeing to abide by permit conditions before beginning collecting activities:**

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**Signature of Permittee**

cc: John Chythlook, Division of Sport Fish, Bethel/Fairbanks  
John Linderman, Division of Commercial Fisheries, Bethel  
Mac McLean, Division of Habitat, Fairbanks  
Fish and Wildlife Protection, Fairbanks